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Subject: Clam Data
Date: 10/04/2006 12:50 PM

I took a quick (only 30 minutes) look at the clam data and I think this is going to be a great set to work with. The few samples I looked at showed clear differences in sites related to sediment versus water components (SW or TZ water). One quick example as a teaser for total PCBs:

Willamette Cove:

Lab Bioaccumulation Clam: 81,800 pg/g total PCBs

Field Clam: 2,660,000 pg/g total PCBs

ARKEMA:

Lab Bioaccumulation Clam: 167,000 pg/g

Field Clam: 111,000 pg/g

It sure becomes more clear which site may have an additional water component (or other factor) that is leading to increased accumulation in the field versus laboratory bioaccumulation to bulk sediment. This makes sense, since we already have long suspected a water source of PCBs at Willamette Cove. I hope to look at the data more - over different sites and different contaminants the pattern should be interesting.

-Jennifer